

# THE DESIGN AND EVALUATION OF THE BAHASA MALAYSIA GRAMMAR LEARNING PORTAL FOR FORM TWO STUDENTS

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The purpose of the study is to design and evaluate the Bahasa Malaysia Grammar Learning Portal for Form Two students. Developmental approach is used as a research method which consists of five phases, namely: needs analysis, designing the Bahasa Malaysia grammar learning content, designing the Bahasa Malaysia grammar learning Portal for Form Two students, implementation on the usage and evaluation on the Bahasa Malaysia grammar learning Portal for Form Two students.

## Objectives

The objectives of the research are stated below:

1. Analyze the need of Bahasa Malaysia teachers and Form Two students regarding the learning grammar materials.
2. Getting feedback, opinion and suggestions of Bahasa Malaysia experts, Form Two teachers and students regarding the learning grammar materials needed in the learning portal.
3. Analyze the major problem face by teachers in teaching grammar and problems faced by students in learning grammar.
4. Analyze the major component in designing the learning portal.
5. Develop the learning portal.
6. Evaluate the usage of grammar material and the design of the learning Portal.

## Research Questions

Two categories of the research question as stated below:

Category 1: Design of the learning grammar portal.

1. What are the needs of the Bahasa Malaysia teachers and the Form Two students regarding the learning materials needed in the learning portal?
2. What are the designs of the major component in the learning portal?
3. What are the major components to develop the portal?

Category 2: Evaluation of the learning grammar material and the design of the learning grammar portal.

4. What are the strengths and weaknesses of the learning grammar material and the design of the learning Portal according to the Bahasa Malaysia experts, the instructional technology experts, the Form Two Bahasa Malaysia teachers and the form two students?
5. What are the congruence analyses of the usage of the learning grammar material in the portal which has been designed?



## Methodology

Needs analysis was conducted with the 53 Form Two teachers and 62 Form Two students. Delphi technique which uses the consensus of 10 experts is conducted in three rounds. Results of the research enable the designing of the Bahasa Malaysia grammar learning portal for Form Two students. Formative evaluation is conducted along the process of designing the learning portal and are done by two Bahasa Malaysia experts, two instructional technology experts and four Bahasa Malaysia teachers. Stake's Countenance Evaluation is conducted with 10 Form Two students by using interview before and after implementation of the usage of the learning grammar portal. Summative evaluation is done by 120 Form Two students from two secondary school in Negeri Sembilan.

## Findings

Result of the needs analysis on Form Two students shows that the topic on grammar needed by the students are technique in answering questions and proverbs.

The improvement and revision done includes level in the grammar exercises, link at the end of the exercises, graphic and sound effect in presentation, revision on the font size and color.

In the evaluation phase, the research used Stake's Countenance Evaluation Model for summative evaluation. Interview is done before and after the implementation on the usage of the Portal shows that the intents of the Form Two students are achieved. For example, students learned ways of using words and proverbs, forming sentences and answering grammar exercises.

Summative evaluation is used to revise the learning portal. Summative evaluation done by 120 Form Two students from two secondary school shows that the majority of the Form Two students agree that the interactive exercises and the activities help them in learning grammar concepts and developing skills in using grammar more effectively and increase their interest in learning grammar. Based on the evaluation of usage, the learning Bahasa Malaysia grammar Portal helps students to acquire grammar more effectively.

## Discussion and Conclusion

Research shows that the learning grammar problems faced by the Form Two students are understanding words, building sentences, usage of words, spelling error, understanding different types of sentences and words.

The Bahasa Malaysia teachers suggested ways of overcoming these problems such as drill and practice activities, exercises on correcting words in sentences, building sentences, enrichment activities, quizzes, spelling exercises, language games, exercises in story form, give example of words and sentences, short notes, use graphic materials, story, pictures and interactive activities.

Research shows that Bahasa Malaysia teachers agree that the learning grammar portal helps teachers and students in the process of teaching and learning in the classroom. The strength of the learning grammar portal according to students are user friendly, helps students to acquire grammar skills, give a lot of information on grammar, the content is easy to understand by Form Two students, enrich students' knowledge and motivate students to learn grammar.

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